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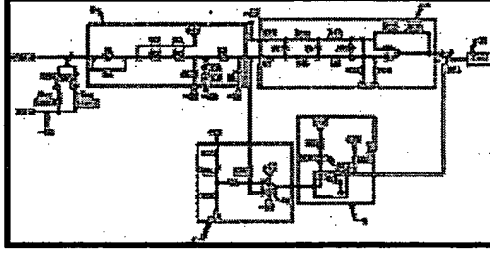
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View: [Expand Details](#) Go to: [Delphion Integrated View](#)Tools: Add to Work File: [Create new Work File](#)[Add](#)[Derwent Title:](#) **Earth leakage detector**[Original Title:](#) ☒ [KR1027869A](#): EARTH LEAKAGE DETECTOR[Assignee:](#) **HYUNDAI HEAVY IND CO LTD** Non-standard company[Inventor:](#) **JUNG G C; KIM D S; KO Y C; LEE S M;**[Accession/Update:](#) **2001-548162 / 200161**[IPC Code:](#) **G01R 31/02 ;**[Derwent Classes:](#) **S01;**[Manual Codes:](#) **S01-G04**(Testing for short circuits, discontinuity and leakage [general])[Derwent Abstract:](#)

([KR1027869A](#)) **Novelty** - An earth leakage detector is provided to prevent damage of system due to leakage accident by determining degree of insulation between a power circuit and a frame ground.

Detailed Description - A voltage detecting and switching noise filtering device(1) prevents error due to noise generated upon operation of a system by filtering a signal voltage inputted and detects voltage between a power circuit and a frame ground. A differential amplifier (2) amplifies the detected voltage from the voltage detecting and switching noise filtering device. A controller(3) compares the voltage from the differential amplifier with predefined reference voltage, determines a leakage current quantity and determines whether the leakage accident happens to control the system.

[Images:](#)

Dwg. 1/10

@Family:

PDF Patent Pub. Date Derwent Update Pages Language IPC Code
☒ KR1027869A * 2001-04-06 200161 1 English G01R 31/02
Local appls.: KR1999000039842 Filed:1999-09-16 (99KR-0039842)
.....

Priority Number:

Application Number	Filed	Original Title
KR1999000039842	1999-09-16	EARTH LEAKAGE

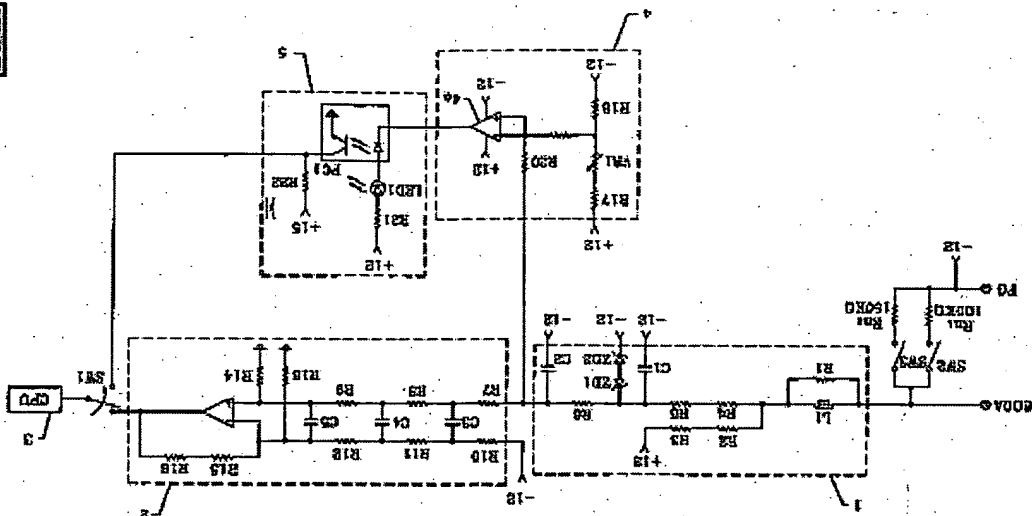
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Title: KR1027869A: EARTH LEAKAGE DETECTOR

Derwent Title: Earth leakage detector [\[Derwent Record\]](#)

Country: KR Republic of Korea

Kind: A Examined Patent Application

Inventor: JUNG, GI CHAN; Republic of Korea
KIM, DU SIK; Republic of Korea
KO, YEONG CHEOL; Republic of Korea
LEE, SEONG MOK; Republic of Korea

Assignee: HYUNDAI HEAVY INC. Republic of Korea
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Published / Filed: 2001-04-06 / 1999-09-16

Application Number: KR1999000039842

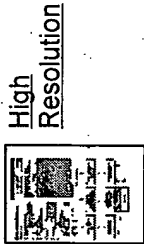
IPC Code: G01R 31/02;

ECLA Code: None

Priority Number: 1999-09- KR1999000039842

Family:

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	KR1027869A	2001-04-06	1999-09-16	EARTH LEAKAGE
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EARTH LEAKAGE DETECTOR

Patent number: KR2001027869
Publication date: 2001-04-06
Inventor: JUNG GI CHAN [KR]; KIM DU SIK [KR]; KO YEONG
CHEOL [KR]; LEE SEONG MOK [KR]
Applicant: HYUNDAI METAL CO LTD [KR]
Classification:
- **International:** G01R31/02
- **European:**
Application number: KR19990039842 19990916
Priority number(s): KR19990039842 19990916

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